Exceptional widescreen. Slim, light design.

WELL-BALANCED DESIGN.

The VAIO® FS Notebook combines a full-size workspace and powerful performance with the slim, lightweight design a mobile user demands. With optional 802.11b/g or 802.11a/b/g wireless LAN[3], the VAIO® FS Notebook is an ideal solution for your everyday essential computing needs and growing multimedia entertainment demands.

EXCEPTIONAL LCD TECHNOLOGIES.

The VAIO® FS Notebook features an exceptional 15.4" widescreen display with Sony's original XBRITE™ or XBRITE-ECO™ LCD technology for higher brightness levels than standard displays. The result: deeper blacks, brighter whites, true-to-life color, and razor-sharp detail. And with the anti-reflective coating to minimize reflection, you can enjoy a beautifully clear image from any viewing angle. It's the ideal way to present your photos and home video, and a great way to watch movies and DVDs when you're on the go.

ESSENTIAL COMPUTING PERFORMANCE.

The VAIO® FS Notebook is optimized for mobility and designed with your day-to-day computing applications in mind. With configurable options like fast Intel® Pentium® M processor, ample storage, and an impressive suite of integrated productivity and multimedia entertainment tools, your VAIO® FS Notebook is ready to help you power through your day and entertain you when you're done.

NEXT-GENERATION MULTIMEDIA ENTERTAINMENT.

The VAIO® FS Notebook is your passport to mobile multimedia entertainment, making it quick and easy to create, manage, share, and enjoy your digital photos, movies, and music. It's high-definition camcorder video ready, and with Sony's original Click to DVD™ (available with DVD±RW drive) software, high-quality presentation of your digital video content is surprisingly easy. The included PictureGear Studio™ software simplifies digital photo management, while the SonicStage® software is the only tool you need to manage your music files and make your own CDs. And with the optional TV/PVR dock and DVD+R Double Layer/DVD±RW[4] , you can watch and record your favorite TV programs right on your PC.

The VAIO® FS Notebook has an incredibly well- balanced design. It's slim and lightweight, yet provides an exceptional 15.4" widescreen display with Sony's original XBRITE™ or XBRITE-ECO™ LCD technology and Smart Display Sensor. Plus, it delivers powerful performance for your everyday essential computing needs and growing multimedia entertainment demands.

DVD+ReWritable

MEMORY STICK PRO™

MEMORY STICK®

SonicStage

Click to DVD

XBRITE™

Microsoft Windows XP Professional

VGN-FS690 CTO Series

VAIO® FS Series Notebook PC

Hardware

Processor (Configurable)
Intel® Pentium® M Processor 770 (2.13GHz[1] , 2MB L2 Cache)
Intel® Pentium® M Processor 760 (2GHz[1] , 2MB L2 Cache)
Intel® Pentium® M Processor 750 (1.86GHz[1] , 2MB L2 Cache)
Intel® Pentium® M Processor 740 (1.73GHz[1] , 2MB L2 Cache)
Intel® Pentium® M Processor 730(1.60GHz[1] , 2MB L2 Cache)
Intel® Celeron Processor 360 (1.40GHz[1] , 2MB L2 Cache)

Front Side Bus Speed
533MHz

Chipset (Configurable)
Intel® 915PM or Intel® 915GM

Integrated Wireless LAN (Configurable)
Intel® PRO/Wireless 2915ABG Network Connection (802.11a/b/g)[3]
Intel® PRO/Wireless 2200BG Network Connection (802.11b/g)[3]

LCD (Configurable)
15.4" WXGA display (1280x800) with XBRITE™ or XBRITE-ECO™ technology

Hard Drive
100GB[2] 4200rpm Ultra ATA, 80GB[2] 4200rpm Ultra ATA, 60GB[2] 4200rpm Ultra ATA, 40GB[2] 4200rpm Ultra ATA, 30GB[2] 4200rpm Ultra ATA

Memory (Configurable)
1GB (512MB x 2), 512MB (512MB x 1)
512MB (256MB x 2), 256MB (256MB x 1)
PC-2700 333MHz DDR (Expandable up to 1GB)

Graphics (Configurable)
NVIDIA® GeForce™ Go 6200 with TurboCache™[11] supporting 128MB (available with Intel® 915PM chipset) or Intel® GM Accelerated Graphics 900 (available with Intel® 915GM chipset)

Graphics Interface
VGA out w/ Smart Display Sensor

Optical Drive (Configurable)
DVD+R Double Layer / DVD±RW Drive[4]
Double Layer +R
DVD+R Write (2.4x MAX)
DVD-R Write (8x MAX); DVD-RW Write (4x MAX)
DVD+R Write (8x MAX); DVD+RW Write (4x MAX)
CD-R Write (24x MAX); CD-RW Write (10x MAX)
DVD Read (8x MAX); CD Read (24x MAX)
DVD±RW drive[4]
DVD-R Write (8x MAX); DVD-RW Write (4x MAX)
DVD+R Write (8x MAX); DVD+RW Write (4x MAX)
CD-R Write (24x MAX); CD-RW Write (10x MAX)
DVD Read (8x MAX); CD Read (24x MAX)
DVD-ROM
DVD Read (8x MAX); CD Read (24x MAX)

Modem
Integrated V.90 Modem with RJ-11 interface

Ethernet
10Base-T/100Base-TX Fast Ethernet (RJ-45)

Audio
Windows® sound system compatible with Built-in stereo speakers

Audio Interface
Mini microphone jack, Mini headphone jack

Docking Station (Configurable)
A/V Entertainment Dock with TV tuner, 2 speakers and remote

Memory Stick® Media Slot
Supports optional Memory Stick®, Memory Stick PRO™ and Memory Stick DUO™ media[5]

PC Card Slots
One PCMCIA - Type II/Type I card slot with CardBus support

Other Interfaces
4pin i.LINK®[6] connector(IEEE 13943), 3 USB 2.0 ports, port replicator connector, VGA out

Pointing Device
Electro-Static touch pad

Keyboard
QWERTY, 86 keys with 2.5mm stroke and 19.05mm pitch

Action Buttons
S1, S2 (programmable), Wireless LAN on/off

Power Requirements
110W+10%

Battery (Configurable)
Lithium-ion standard capacity battery (VGP-BPS2A) or Lithium-ion large capacity battery (VGP-BPL2)

Estimated Battery Life
2.5 -3.0 hours[7] (Standard Battery)

Weight
6.28 lbs. w/ standard battery (weight is approximate & may vary)

Dimensions
14.33"(W) x 1"-1.41"(H) x 10.41"(D)

Color
White

Supplied Accessories
Standard Lithium-ion battery (VGP-BPS2A)
AC adapter (VGP-AC19V11)
Power Cord

Optional Accessories
Additional Standard Capacity Battery (VGP-BPS2)
Large Capacity Battery (VGP-BPL2)
AC Adapter (VGP-AC19V10)
TV/PVR Expansion Dock (VGP-PRFS10V)
Port Replicator (VGP-PRFS1)
Visual Communication Camera (PCGA-UVC11A)
512MB memory expansion module (VGP-MM512G)
60GB[2] External Hard Drive (PCGA-HDM06)
External Floppy Disk Drive (VGP-UFD1)

Software

Operating System
Configurable
Microsoft® Windows XP Home Edition with Service Pack 2 or Microsoft® Windows XP Professional with Service Pack 2

Sony Original Software
VAIO Zone™ with WinDVD®
DVGate Plus™ - Digital Video
SonicStage® - Digital Music
PictureGear Studio™ - Digital Photo
VAIO Media™ - Network File Sharing
Image Converter - PSP Transfer
Click to DVD™ - DVD Creation (available with DVD±RW drive option)

Other Software Applications
Intuit® Quicken® 2005 New User Edition (previous Quicken users may require additional upgrade)
InterVideo® WinDVD®
Microsoft® Works 8.0 - Word Processing, Spreadsheet, Calendar, Scheduling, Contact Management, and Database
Sonic RecordNow!® 7 (available with DVD±RW drive option)

Optional Software
Sony® SonicStage® Mastering Studio
Microsoft® Office® 2003 60-Day Trial (Student/ Teacher Edition available with XP Home or Small Business Edition available with XP Professional)
Microsoft® Office 2003 (Basic, Small Business or Professional Edition)
Adobe® Photoshop® Elements 3.0
Adobe® Premiere Standard or Pro

Anti-Virus and Recovery Software
Norton® Internet Security™ 90-Day Subscription
Intermute™ SpySubtract™ 30-Day Trial
VAIO® Update software
VAIO® Recovery Wizard software
VAIO® Control Center

Internet Services
America Online® 180-Day Trial - New Users Only

Service and Warranty

Limited Warranty and Onsite Service
1 Year Limited Warranty with Onsite Service[9]

Telephone Support
1 year toll-free technical telephone assistance, available 24/7[10]

Online and Email Support
Support available from http://www.sony.com/pcsupport

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires compatible wireless LAN access point, sold separately. Internet connection may require fees.
4. DVD Media/Formats are not universally compatible.
5. Supports Memory Stick PRO™ high-capacity media tested up to 1GB. Does not support MagicGate™ functionality.
6. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
7. Estimated battery life. Actual battery life may vary on usage.
8. Does not support MemoryStick media and Memory Stick PRO™ media using the MagicGate function or high speed data transfer. Supports memory cards with capacities up to 1GB. Does not support 5.0V SmartMedia media or the ID function of SmartMedia media with IDs. Does not support the SD Memory Card media copyright protection function.
9. When available, Sony will provide Onsite Service in fulfillment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite Service will be provided via third-party technician to be dispatched as needed following phone-based troubleshooting. Some repairs may be accomplished with self repair kits. Onsite Service may not be available in all locations.
10. For certain third party software applications, Sony provides first level Phone Support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
11. NVIDIA® TurboCache™ technology combines the size and bandwidth of video memory and dynamically available system memory for optimal system performance.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to operate any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Pre-installed software may not be identical to retail versions or have all documentation. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

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